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**UTILITY PATENT APPLICATION
UNDER 37 CFR 1.53(b)**

HONORABLE COMMISSIONER OF
PATENTS AND TRADEMARKS
Washington D.C. 20231

Case Docket No. 113918.401

Sir:

Transmitted herewith for filing is the patent application of:

INVENTOR: KUBOTA et al.

FOR: METHODS OF ISOLATING BIPOTENT HEPATIC PROGENITOR CELLS

Enclosed are:

39 pages of specification, claims, abstract
 Declaration & Power of Attorney
 Priority Claimed to U.S. Serial No. 60/157,052 filed October 1, 1999.
 Certified copy of _____
 8 sheets of formal drawing
 Return Receipt Postcard
 Information Disclosure Statement, Form PTO-1449
 Copies of IDS Citations

The filing fee has been calculated as shown below:

<u>(1) FOR</u>	<u>(2) NO. FILED</u>	<u>(3) NO. EXTRA</u>	<u>(4) RATE</u>	<u>(5) AMOUNT</u>
TOTAL CLAIMS	26	-20	6 \$9.00	= \$54.00
INDEPENDENT CLAIMS	7	-3	4 x \$40.00	\$160.00
MULTIPLE DEPENDENT CLAIM(S) (If applicable)			+ \$260.00	= 00.00
			BASIC FEE	\$355. 0 0
Total of above calculations		=		\$569.00
<input type="checkbox"/> Assignment & Recording Fee				\$0.00
			TOTAL FEE	\$569.00

JC841 U.S. PRO
09/678953
10/03/00

Docket No.: 113918.501

Please charge my Deposit Account No. 50-0436 in the amount of \$569.00. A duplicate copy of this sheet is enclosed.

The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-0436. A duplicate copy is enclosed.

Any additional filing fees required under 37 CFR 1.16.

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Any patent application processing fees under 37 CFR 1.17.

Any filing fees under 37 CFR 1.16 for presentation of extra claims.

Respectfully submitted,

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DC:#162240 v1 3H6_01!WPD 113918-500

Docket No.: 113918.401PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application

KUBOTA et al.

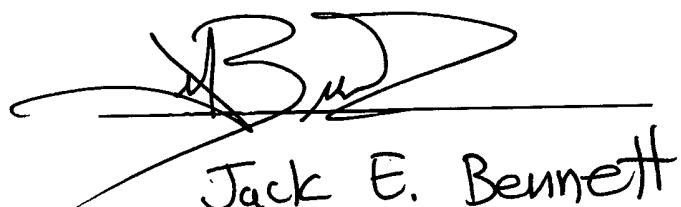
Filing Date: October 2, 2000

For: METHODS OF ISOLATING BIPOTENT HEPATIC PROGENITOR CELLS

CERTIFICATE OF EXPRESS MAILING UNDER 37 CFR § 1.10

I hereby certify that this APPLICATION, "METHODS OF ISOLATING BIPOTENT HEPATIC PROGENITOR CELLS" containing 39 pages, 26 claims and 8 drawings, is being deposited with the United States Postal Service as EXPRESS MAIL NO. EJ068731241US under 37 CFR 1.10 on the date indicated below, and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

Dated: October 2, 2000


Jack E. Bennett